

【配列表】

SEQUENCE LISTING

<110> KANKYO ENGINEERING Co., Ltd.

NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY

<120> Novel composition for determining nucleic acids, and method for determining nucleic acids by use thereof and nucleic acid probes usable therefor.

<130> PCT-38-EN

<150> JP2003-423774

<151> 2003-12-19

<160> 34

<210> 1

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> A part of an RRS gene of a round-up soybean.

<400> 1

agttccggaa aggcagagg ag 22

<210> 2

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The bases of both terminal ends of the above sequence (1) are different.

<400> 2

ggttccggaa aggcagagg aa 22

<210> 3

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence is capable of hybridizing the above sequence (1) of the part of an RRS gene except for the 5' -terminal end base (C).

<400> 3

ctcctctggc ctttccggaa cc 22

<210> 4

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> A sequence voluntarily designed.

<400> 4

aaaaaagggg gggggggg 18

<210> 5

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence capable of hybridizing the above voluntarily designed sequence.

<400> 5

ccccccccc cctttttt 18

<210> 6

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> A sequence voluntarily designed.

<400> 6

tttgatgac tgactgactg actgacgaga ttt 33

<210> 7

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> The fourth bases from the both terminal end bases are different from the above sequence (6) : the G at the 5' -terminal portion of the (6) was as changed to a ; at the A at the 3' -terminal portion of the (6) was changed to G.

<400> 7

tttagatgac tgactgactg actgacgagg ttt 33

<210> 8

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence capable of hybridizing the above (6) or the above (7).

<400> 8

cctactgact gactgactga ctgctcc 27

<210> 9

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence capable of hybridizing the above (6) or the above (7).

<400> 9

cctactgact gactgactga ctgctcc 27

<210> 10

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence capable of hybridizing the above (6) or the above (7).

<400> 10

cctactgact gactgactga ctgctcc 27

<210> 11

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The same sequence as that of the above (1).

<400> 11

agttccggaa aggccagagg ag 22

<210> 12

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The same sequence as that of the above (2).

<400> 12

ggttccggaa aggccagagg aa 22

<210> 13

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The same sequence as that of the above (3).

<400> 13

ctcctctggc ctttccggaa cc 22

<210> 14

<211> 24

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence capable of hybridizing an LE 1 gene.

<400> 14

cctttaggat ttcagcatca gtgg

24

<210> 15

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence capable of hybridizing an LE 1 gene.

<400> 15

gacttgctgc cgggaatg

18

<210> 16

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 16

agttccggaa aggccagagg ag

22

<210> 17

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 17

ggttccggaa aggccagagg aa

22

<210> 18

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence capable of hybridizing to the 16 and 17.

<400> 18

ctcctctggc ctttccggaa cc

22

<210> 19

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 19

taatgatgac tgactgactg actgacgatg gt

32

<210> 20

<211> 32
<212> DNA
<213> Artificial Sequence
<220>
<223> The sequence prepared voluntarily.
<400> 20
tggatgact gactgactga ctgacgagta at 32

<210> 21
<211> 27
<212> DNA
<213> Artificial Sequence
<220>
<223> The sequence capable of hybridizing to the above 19 and 20.
<400> 21
actactgact gactgactga ctgctca 27

<210> 22
<211> 32
<212> DNA
<213> Artificial Sequence
<220>
<223> The sequence prepared voluntarily.
<400> 22
taaggatgac tgactgactg actgacgatg gt 32

<210> 23
<211> 32
<212> DNA
<213> Artificial Sequence
<220>
<223> The sequence prepared voluntarily.
<400> 23
taagatgact gactgactga ctgacgagta at 32

<210> 24
<211> 27
<212> DNA
<213> Artificial Sequence
<220>
<223> The sequence capable of hybridizing to the above 22 and 23.
<400> 24
actactgact gactgactga ctgctcc 27

<210> 25
<211> 33
<212> DNA
<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 25

aattcgtacc aactatcctc gtcgtcagct atg 33

<210> 26

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 26

gattcgtacc aactatcctc gtcgtcagct ata 33

<210> 27

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence capable of hybridizing to the above 25 and 26.

<400> 27

catagctgac gacgaggata gttggtacga atc 33

<210> 28

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 28

ctcgtcgtca gctatgg 17

<210> 29

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 29

ggattcgtac caactatc 18

<210> 30

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 30

7

ttgtccggaa aggccagagg ag 22

<210> 31

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 31

atgtccggaa aggccagagg ag 22

<210> 32

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence capable of hybridizing to the above 30 and 31.

<400> 32

ctctctggc ctttccggac at 22

<210> 33

<211> 14

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 33

gtcagtcagt actg 14

<210> 34

<211> 15

<212> DNA

<213> Artificial Sequence

<220>

<223> The sequence prepared voluntarily.

<400> 34

ggaacgagtc agtca 15